

**Notice of Allowability**

Application No.

10/021,588

Examiner

Dai A Phuong

Applicant(s)

MURAMATSU, TOSHIHIKO

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– The MAILING DATE of this communication appears on the cover sheet with the correspondence address–

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment of 1/6/05.
2. ☒ The allowed claim(s) is/are 9, 10, 15 and 18-26.
3. ☒ The drawings filed on 20 February 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 3/29/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

***Information Disclosure Statement***

1. The information disclosure statements filed 11/3/04 and 1/18/05 are noted. The "Notice of Reasons for Rejection" listed separately have been lined through on the 1449 form, since these are not published documents.

***Reasons for Allowance***

2. The following is an examiner's statement of reasons for allowance:

Claims 9-10, 15, 18-26 are allowed.

Claims 10 and 19 are allowed as being dependent on independent claim 9.

Claims 20-23 are allowed as being dependent on dependent 19.

Claims 25 is allowed as being dependent on independent claim 15.

Claims 26 is allowed as being dependent on independent claim 18.

Regarding claim 9:

The following is a statement of reason for the indication of allowance: the prior art made of record and considered pertinent to the applicant's disclosure does not disclose nor fairly suggest a portable communication terminal capable of detecting a position of the portable communication terminal by using a Global Positioning System, the portable communication terminal comprising: an a-input unit which inputs first data for specifying a specific individual and second data for specifying an another portable communication terminal owned by the specific individual in correspondence with icon data; a storage unit which stores the inputted first and second data and position information of the another portable communication terminal owned by the specific individual in correspondence with the icon data; **an azimuth measuring unit for measuring an azimuth of the specific individual: a display; a controller which accesses, via**

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**base station, the another portable communication terminal corresponding to the icon data, downloads the positional information of the another portable communication terminal corresponding to the icon data, automatically updates the positional information of the another portable communication terminal corresponding to the icon data which is stored in the storage unit, and displays an icon based on the icon data so as to be superposed on a map displayed on the display; wherein the map displayed on the display is provided based on map information download through the base station according to the downloaded positional of the another communication terminal; and wherein an inclination angle of the icon character on the map is controlled based on the measured azimuth.**

Regarding claim 15:

The following is a statement of reason for the indication of allowance: the prior art made of record and considered pertinent to the applicant's disclosure does not disclose nor fairly suggest a method of controlling a portable communication terminal capable of detecting a position of the portable communication terminal by using a Global Positioning System, the method comprising the steps of: inputting first data for specifying a specific individual and second data for specifying an another portable communication terminal owned by the specific individual in correspondence with icon data; storing the inputted first and second data and position information of the another portable communication terminal owned by the specific individual in correspondence with the icon data; **measuring an azimuth of the specific individual: accesses, via base station, the another portable communication terminal corresponding to the icon data; downloading the positional information of the another portable communication terminal corresponding to the icon data; automatically updating**

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**the positional information of the another portable communication terminal corresponding to the stored icon data, and displaying an icon based on the icon data so as to be superposed on a map displayed on the display; wherein the map displayed on the display is provided based on map information download through the base station according to the downloaded positional of the another communication terminal; and wherein an inclination angle of the icon character on the map is controlled based on the measured azimuth.**

Regarding claim 18:

The following is a statement of reason for the indication of allowance: the prior art made of record and considered pertinent to the applicant's disclosure does not disclose nor fairly suggest a computer readable recording medium including instructions, wherein the instruction, when executed by a computer provided in a portable communication terminal detecting a position of the portable communication terminal by using a Global Positioning System, cause the portable communication terminal to perform the steps of: inputting first data for specifying a specific individual and second data for specifying an another portable communication terminal owned by the specific individual in correspondence with icon data; storing the inputted first and second data and position information of the another portable communication terminal owned by the specific individual in correspondence with the icon data; **measuring an azimuth of the specific individual: accesses, via base station, the another portable communication terminal corresponding to the icon data; downloading the positional information of the another portable communication terminal corresponding to the icon data; automatically updating the positional information of the another portable communication terminal corresponding to the stored icon data, and displaying an icon based on the icon data so as**

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**to be superposed on a map displayed on the display; wherein the map displayed on the display is provided based on map information download through the base station according to the downloaded positional of the another communication terminal; and wherein an inclination angle of the icon character on the map is controlled based on the measured azimuth.**

Regarding claim 24:

The following is a statement of reason for the indication of allowance: the prior art made of record and considered pertinent to the applicant's disclosure does not disclose nor fairly suggest a portable communication terminal capable of detecting a position of the portable communication terminal by using a Global Positioning System, the portable communication terminal comprising: an input unit which inputs first data for specifying a specific individual and second data for specifying an another portable communication terminal owned by the specific individual in correspondence with icon data; a storage unit which stores the inputted first and second data and position information of the another portable communication terminal owned by the specific individual in correspondence with the icon data; a display; a controller which accesses the another portable communication terminal corresponding to the icon data, downloads the positional information of the another portable communication terminal corresponding to the icon data, automatically updates the positional information of the another portable communication terminal corresponding to the icon data which is stored in the storage unit, and displays an icon based on the icon data so as to be superposed on a map displayed on the display; further comprising: a musical piece reproducing unit which reproduce a musical piece, wherein the input unit inputs target position data, and target distance data for designating a target range

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by using the target position as a reference; the storage unit includes: a first storage unit including a positional information table which stores therein to the first data, the second data, the target position data, the target distance data, and present positional information indicative of a present position of the portable telephone apparatus, and a second storage unit which stores therein to a distance/ displacement angle table, various sorts of programs, and fixed data, the distance/ displacement angle table including an arc distance with respect to a longitude displacement angle and an arc distance with respect to a latitude displacement angle at each of latitude position, and **the controller acquire positional information indicative of a present position of the another portable telephone apparatus as a communication counter station, updates the present positional information of the positional information table based upon the acquired positional information, and calculates a first distance between the present position of the communication counter station and a target position from the acquired present positional information the target position data, and the distance/ displacement angle data based upon the arc distance with respect to the longitude displacement angle end the arc distance with respect to the latitude displacement angle at latitude in the vicinity of the target position, wherein the controller compares the first distance with a second distance indicated by the target distance data, and drives the musical piece reproducing unit when the calculated first distance is shorter than, or equal to the second distance.**

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "Comments on Statement of Reasons for Allowance."

*Conclusion*

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Suzuki (U.S. 6,680,675) discloses a method detecting telephone location.

Chinoy et al. (U.S. 6,771,969) disclose a mobile phone.

Hiltunen et al. (U.S. 6,754,484) disclose a system location.

Obradovich et al. (U.S. 6,529,824) personal communication system

Jenkins et al. (Pub. No: 20020177435) accessing and recording message

Hollenberg (U.S. 6,091,956) situation information system

Orlen et al. (U.S. 6,557,953) providing supplemental information mode

Sandahl et al. (Pub. No: 20020049049) system for delivering wireless information

Jones et al. (Pub. No: 20010049584) information distribution system

Nishikawa et al. (U.S. 6,351,270) miniature video in the guide logo

Beaton et al. (U.S. 6,442,263) electronic business card

Lebanc et al. (U.S. 6,550,870) method for determining position

Welch (U.S. 6,177,905) location trigger reminder

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dai A Phuong whose telephone number is 703-605-4373. The examiner can normally be reached on Monday to Friday, 9:00 A.M. to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 703-305-4385. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.


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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dai Phuong

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Date: 01-20-2005



W. R. YOUNG  
PRIMARY EXAMINER